

Certificate of Analysis

Date of Testing: 2024-08-07 11:13:29
Date of Next Testing: 2028-08-06 11:13:29
Product Name: **Triton™ X-100**
CAS Number: 9002-93-1
Specifications & Purity: for electrophoresis
Lot #: H2405048
SKU #: **T109028**
Version: **0**
Analysis #: **396250**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Aggregation Number	100-155	150.00
Color scale	0-100	80.00
CMC	0.2-0.9 (mmol/L)	0.70 mmol/L
Cloud Point	63-69 (°C)	66.00 °C
Density	1.058-1.065 (g/cm ³)	1.06 g/cm ³
Appearance (T109028)	Colorless to light yellow liquid	Colorless to light yellow liquid
Electrophoresis test	pass	Pass
HLB	13.5	13.5
Infrared spectrum	Conforms to Structure	Conforms to Structure
pour point (-7°C)	pass	Pass
Solubility in H ₂ O , Clear to Slightly Hazy , c = 1ml/10ml;	pass	Pass
Water		
UV spectrometry	Conforms to structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager